

Converting Colors

XYZ(56.2026, 56.6813, 67.5706)

Have a look what the booklet for
XYZ(56.2026, 56.6813, 67.5706)
contains.

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Color

**XYZ(56.0771, 56.5634,
67.6368)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC3D0
RGB	205, 195, 208
RGB Percent	80%, 76%, 82%
CMY	0.1961, 0.2353, 0.1843
CMYK	0.01, 0.06, 0.00, 0.18
HSL	286°, 12%, 79%
HSV	286°, 6%, 82%
XYZ	56.0771, 56.5634, 67.6368
YIQ	199.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

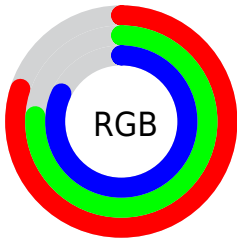
Format	Color
R_{YB}	205, 195, 208
Decimal	13485008
CIE Lab	79.93, 5.85, -5.25
CIE LCh	80, 7.860, 318.125
Yxy	56.5634, 0.3111, 0.3138
Android (android.graphics.Color)	4291675088 (0xFFCDC3D0)
YUV	199.4720, 4.2043, 4.8481
Hunter-Lab	75.2086, 1.4781, -0.6748

Details

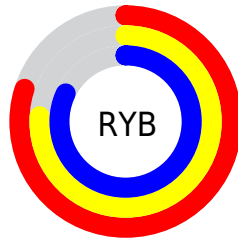
The XYZ color **56.0771, 56.5634, 67.6368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6970, 61.0592, 60.4827**, and the grayscale version is **54.5509, 57.3917, 62.4996**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.1201, 27.9622, 34.4870** is the 20% darker color. If you saturate the color by 10%, you get **50.4339, 47.2123, 66.1301**, and if you desaturate by 10%, it is **62.4134, 67.2387, 69.3642**.

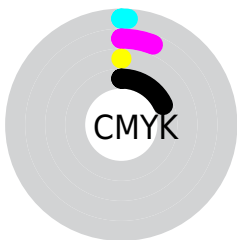
Distribution



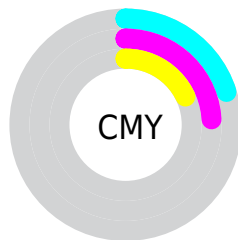
- Red (80%)
- Green (76%)
- Blue (82%)



- Red (80%)
- Yellow (76%)
- Blue (82%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0771, 56.5634, 67.6368 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.0771, 56.5634, 67.6368 by changing the saturation by 10% instead.

■ 56.0771, 56.5634,
67.6368

■ 56.0771, 56.5634,
67.6368

400.0523,
411.8113, 470.7712

■ 40.5020, 40.6548,
49.1375

■ 98.2565, 99.8279,
117.4817

■ 28.1161, 28.0495,
34.3622

125.5914,
127.9525, 149.6644

■ 18.5541, 18.3629,
22.8924

157.5770,
160.9180, 187.2452

■ 11.4506, 11.2109,
14.3095

194.5786,
199.1086, 230.6428

■ 6.4403, 6.2089,
8.1950

236.9616,
242.9089, 280.2756

■ 3.1578, 2.9725,
4.1304

285.0913,

■ 1.2378, 1.1174,

292.7032, 336.5623

1.6972

339.3331,
348.8758, 399.9213

■ 0.1359, 0.0000,
0.3588

■ 0.0000, 0.0000,
0.0000

■ 56.0771, 56.5634,
67.6368

■ 56.0771, 56.5634,
67.6368

■ 50.4339, 47.2123,
66.1301

■ 62.4134, 67.2387,
69.3642

■ 45.4518, 39.1245,
64.8316

■ 69.4635, 79.2813,
71.3171

■ 41.1036, 32.2453,
63.7330

■ 76.4808, 91.1971,
73.2472

■ 37.3582, 26.5129,
62.8239

■ 77.9499, 91.9545,
73.3160

34.1816, 21.8601,
62.0933

79.4609, 92.7334,
73.3867

31.5366, 18.2127,
61.5286

81.0144, 93.5343,
73.4594

29.3808, 15.4867,
61.1161

82.6105, 94.3571,
73.5341

27.6651, 13.5846,
60.8394

84.2497, 95.2022,
73.6108

26.3277, 12.3829,
60.6779

85.9323, 96.0696,
73.6896

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.7212, 56.5634, 70.3152



56.0771, 56.5634, 67.6368



56.8182, 56.5634, 63.4125

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.0771, 56.5634, 67.6368



54.3952, 56.5634, 53.3889



50.9004, 56.5634, 64.3599

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.0771, 56.5634, 67.6368



55.6970, 61.0592, 60.4827

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.8171, 56.5634, 59.7987



56.0771, 56.5634, 67.6368



52.8137, 56.5634, 53.6145

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0771, 56.5634, 67.6368



55.8344, 56.5634, 55.2787



51.5112, 56.5634, 55.9109



51.7412, 56.5634, 68.3598

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0771, 56.5634, 67.6368



56.8544, 56.5634, 60.3553



51.5112, 56.5634, 55.9109



50.7835, 56.5634, 62.8372

Sweetspot

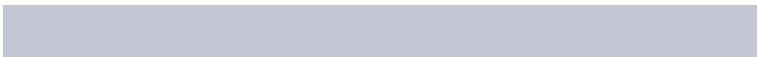
The Sweet Spot groups the original color and five complimentary colors.



56.0787, 56.5658, 67.6380



93.0128, 96.5665, 108.3446



54.0949, 56.5621, 67.7419



19.9299, 20.7052, 23.1960



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0787, 56.5658, 67.6380



88.1180, 88.3622, 107.0190



56.4925, 56.8278, 65.4555



12.2765, 12.2715, 14.9653



16.2178, 7.5409, 37.7933



0.9734, 0.4560, 2.1163

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.7226, 56.5199, 61.4015



87.4852, 88.2823, 95.8602



55.3105, 60.8141, 62.5342



12.1830, 12.2599, 13.3085



16.5761, 8.5033, 2.6740



0.9581, 0.4880, 0.3141

Previews

White Background



This preview shows how the XYZ color 56.0771, 56.5634, 67.6368 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.0771, 56.5634, 67.6368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

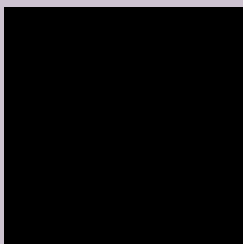
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

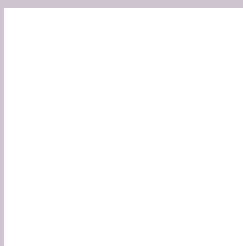
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0771, 56.5634, 67.6368

Background



This preview shows how black text looks on a background with the XYZ color 56.0771, 56.5634, 67.6368.

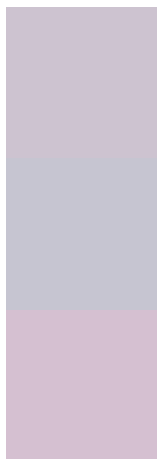


This preview shows how white text looks on a background with the XYZ color 56.0771, 56.5634,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.0771, 56.5634, 67.6368

Protanopia

54.7636, 56.5417, 68.3489

Deuteranopia

57.7988, 56.4489, 68.1710



Tritanopia

56.3248, 56.6625, 68.9411

Trichromacy



Original Color

56.0771, 56.5634, 67.6368

Protanomaly

55.3359, 56.5008, 68.3108

Deuteranomaly

57.1569, 56.4450, 68.2041

Tritanomaly

56.2006, 56.6128, 68.2869

Monochromacy



Original Color

56.0771, 56.5634, 67.6368

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9421, 57.0699, 63.9970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0771, 56.5634, 67.6368 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.0771, 56.5634, 67.6368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 195, 208) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 195, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0771, 56.5634, 67.6368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
195, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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